



WEEK ENDING MAY 27, 2022

# OPP WEEKLY ACTIVITY REPORT

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## ANTIMICROBIALS DIVISION

**AD Meeting with USDA for the Fumigant New Active Ingredient, Ethanedinitrile.**

On May 25, members of AD met with the U.S. Department of Agriculture (USDA), to discuss the proposed registration of the new active ingredient, ethanedinitrile (EDN), for use in timber fumigation. USDA described the need for alternatives to methyl bromide for timber exports and how EDN, unlike other fumigants available in this space, does not continue to off gas from the treated wood after fumigation. Discussion included the types of data that would be helpful for evaluating the potential risk from the proposed use of EDN, possible ways for limiting exposure to the plume of EDN released from the logs after the initial application, and possible clarifications to the label to refine the proposed use sites. (Elizabeth Donovan, 202-566-0817)

## BIOLOGICAL &amp; ECONOMIC ANALYSIS DIVISION

**MLB Staff Participate in On-Site QM Exercise.** EPA has been working with stakeholders for several years to optimize the Quantitative Method for Testing Disinfectants against Bacteria (QM). In 2021, an ASTM working group (WK78068) was formed to gather further expert input, clarify steps in the method, and quantify the method's performance, as it relates to variability (e.g., between analysts and/or between laboratories). In February 2022, EPA hosted an on-site visit to the Environmental Science Center from three stakeholder labs to support the continued development and peer review of the QM. This week, MLB staff traveled to Ecolab to participate in a similar exercise, generating data alongside analysts from four other laboratories to evaluate the QM's performance. Analysts from each laboratory conducted the assay against four treatments with varying degrees of efficacy. Results will be recorded by the Ecolab staff and shared with the participants in the coming weeks. (Rebecca Pines, 410-305-2635; and Marc Carpenter, 410-305-2927)

**ACB Completes the Study of PFAS Leaching Potential from Fluorinated HDPE Containers.**

ACB conducted the leaching potential study of polyfluorinated alkyl substances (PFAS) with several different fluorinated high density polypropylene (HDPE) containers, with water and methanol as representative liquids. Water or methanol samples, were taken and analyzed periodically during the 20-week study and analyzed for the presence and levels of PFAS. The objective of this study is to understand the impact of variables - such as the length of time a product is stored in a fluorinated HDPE container and the different liquids used in pesticide products - on the leaching potential of PFAS from the fluorinated containers. A memo summarizing the study results and the implications of the findings to pesticide products packaged in fluorinated HDPE containers, was

sent to BEAD senior management and will be sent to the communication office for public release. (Yaorong Qian, 410-305-2636; Yan Liang, and Thuy Nguyen)

**BEAD Hosts a Seminar for the American Phytopathological Society (APS).** On May 25, BEAD hosted Dr. Wayne Jurick II, a plant pathologist with USDA ARS, in Beltsville, to speak about his research on postharvest treatments of apple. Dr. Jurick II's presentation explored emerging research of the cross-kingdom effects of the mycotoxin patulin on plants, fungi and other microbes, the development of toxin abatement strategies, and next generation detection methods for postharvest disease management. Over 70 people from OPP and the USDA, attended the seminar. (Jeana Hansel, 202-566-1281)

**PPDC Spring Meeting Label Reform Session Includes OPPEL.** On Wednesday, May 25, 2022, members of the OPP Electronic Label (OPPEL) Project (Claire Paisley-Jones) chaired a session of the Pesticide Program Dialogue Committee (PPDC) spring meeting on Pesticide Label Reform, along with members of the AAPCO Label Reform Group, and the Product Labeling Team and Product Safety and Regulatory Digital Team from Syngenta. Claire presented the work that the Agency has done on label reform through the OPPEL since 2014, and explained how OPPEL can be used as the first step towards a comprehensive OPP IT management plan that emphasizes ease of access, consistency, and workflow for all label users. Additionally, AAPCO representatives presented their ongoing work on label reform, and Syngenta representatives presented on their label structuring and digitization efforts. OPP will continue to keep PPDC informed and involved in our progress on the OPPEL project, and continue to offer help, and advise AAPCO and Syngenta on their project development. (Claire Paisley-Jones, 202-566-1397)

## BIOPESTICIDES & POLLUTION PREVENTION DIVISION

**New Uses for the Biochemical Active Ingredient Lipochitooligosaccharide SP104, has been Approved by EPA.** On May 10, 2022, the Agency amended the registrations of two pesticide products containing the biochemical active ingredient Lipochitooligosaccharide (LCO) SP104, to add new foliar and in-furrow applications for terrestrial, greenhouse and nursery uses. Previously, LCO SP104 had been limited to seed treatments for corn and canola. As an active ingredient, LCO SP104 acts as a plant growth regulator (PGR), and is intended to increase growth and decrease stress in growing crops. As a naturally occurring compound, Lipochitooligosaccharides (LCOs) are signaling molecules that encourage the symbiotic colonization of beneficial microbes in plant roots. LCOs can be found in an estimated 70-80 percent of terrestrial plants. Since LCOs evolved millions of years ago and are present in the majority of terrestrial plants, including commonly consumed fruits and vegetables, there is a history of safe use/exposure of these compounds. (Chris Pfeifer, 202-566-1599)

### **Risk Assessment Branch Completed Deliverables for the Week of May 23-27, 2022**

<b>Active Ingredient(s)</b>	<b>Deliverable</b>	<b>Reviewer(s)</b>
Bti ( <i>Bacillus thuringiensis</i> Subsp. <i>israelensis</i> ) Strain AM 65-52.	New product performance technical screen	Clara Fuentes
Ferric Sodium EDTA	Deficiency Memo for 75-day letter	Nick Thomas
1-Aminocyclopropanecarboxylic Acid (1-ACC)	New product Technical Screen	Nick Thomas
<i>Bacillus thuringiensis</i> , subsp. <i>israelensis</i> , strain AM 65-52, Vectobac AG	New Product Eco Technical Screen	Milutin Djurickovic
<i>Trichoderma afroharzianum</i> strain Th2RI99	Eco Technical Screen	Milutin Djurickovic
(E,E)-8,10-Dodecadien-1-ol	CSF and Label Amendment	Sadaf Shaukat
<i>Streptomyces</i> strain K61	B672; Ecological technical screen for a new end use product	Sarah Butler

### ENVIRONMENTAL FATE & EFFECTS DIVISION

### **EFED Completed Deliverables for the Week of May 27, 2022**

<b>Chemical</b>	<b>Deliverable</b>	<b>Branch</b>
Dodine	Streamlined DWA for S3NU	4
Sedaxane	Combined PF, DRA, DWA for Reg Review	3
Triadimefon	RTC on PID	2
Triadimefon	Second DWA addendum	2

### HEALTH EFFECTS DIVISION

**OECD DNT *In Vitro* Battery (IVB) Expert Group Discussion on Tiered Approach to Testing.** Liz Méndez (HED) participated in a conference call of the DNT IVB Expert Group to discuss developing a tiered testing strategy as suggested in the draft document "*Guidance on Evaluation of Data from the 8 Developmental*

*Neurotoxicity (DNT) In-Vitro Testing Battery.*" They were cognizant that the level of uncertainty tolerated in the use of the DNT IVB – and the potential subsequent testing – will be influenced by the context of use; the goal is to develop a strategy that would be applicable across multiple jurisdictions including hazard-based (EU) and risk-based (US, CAN, AUS) regulatory frameworks. The group reached a consensus that a "decision tree" anchored on case studies that reflect various fit-for-purpose scenarios (e.g., screening & prioritization, classification & labeling, weight-of-evidence, etc.) should be developed. (Liz Méndez, 202-566-1835)

**OPP Meets with the American Herbal Products Association.** On May 23, 2022, representatives from HED, RD, OGC, and OPP's Office Director, Ed Messina, met with the American Herbal Products Association (AHPA) to discuss pesticide regulatory issues for herbal products and other questions related to the recent changes to EPA's herb crop group (40 CFR 180.41: Crop Groups 19 and 25). Specifically, AHPA is interested in ways to address low-level, inadvertent residues that have been identified in AHPA member company internal compliance monitoring. While the AHPA is aware of, and recognizes FDA's regulatory discretion when trace or low-level residues are found in pesticide monitoring, the AHPA prefers a formal pesticide tolerance solution. The AHPA also requested a technical correction in EPA's new crop group 25 from "ashwagandha, fruit" to "ashwagandha, root" as the root is the appropriate commodity in commerce. In addition, they asked for guidance on how to propose additional crops for inclusion in existing EPA crop groups. Further follow-up internal OPP discussions will occur. (Matt Crowley, 202-566-2167)

Chemical	Deliverable	Branch
Difenoconazole	Human Health Risk Assessment	RAB IV

## PESTICIDE RE-EVALUATION DIVISION

**PRD Meets with ADAMA.** On May 11, 2022, representatives from PRD and ADAMA, met to discuss the timing for registration review. Currently, the acephate PID is scheduled to be completed in December of 2023. Acephate is an organo-phosphate (OP) insecticide, registered for uses on food crops, on golf courses, and in commercial or institutional facilities. Residential use for fire ant control is also registered. (Kent Fothergill, 202-566-1943)

**PRD Meets with States to Answer Certification Plan Questions.** On May 11, 2022, PRD's Certification and Worker Protection Branch (CWPB), Allison Payne of the Office of General Counsel (OGC), EPA Regional Staff, and Emily Ryan of the OCSPP/OPS/MSD/ICRB, hosted a meeting to respond to questions from pesticide

State Lead Agencies (SLAs) that have come up during certification plan reviews. The agenda was based off a list of questions gathered by the Association of American Pest Control Officials (AAPCO) from SLAs. Over 100 SLA and EPA representatives participated on the call. Agenda topics included providing updates on the status of the certification plan reviews and timeline; addressing several issues regarding competency standards for certification including reciprocity of certifications between jurisdictions and flexibility in how revisions to standards are captured in state regulations; and meeting the federal requirement that SLAs have legal grounds to deny, suspend or revoke a certification based on imposing a civil penalty or a criminal conviction of Section 14(a) or (b) of FIFRA. PRD offered to follow up with additional calls to address other outstanding certification plan topics and questions not covered on the call. (Matt Lloyd, 202-564-2389)

**Spanish Labeling Briefing for EPA's Senior Advisors for Agriculture.** On May 13, the Spanish Labeling Workgroup briefed EPA's Senior Advisors for Agriculture, Rod Snyder and Venus Welch-White, on the Spanish labeling efforts at OPP. Susan Bartow (PRD) described the history of the Spanish labeling efforts and significant deliverables that have been produced to date (e.g. the Spanish Translation Guide for Pesticide Labeling, the response to the Spanish labeling petition), current workgroup efforts (e.g., possibly identifying a subset of pesticide product labels which would have the greatest positive impact from labeling in Spanish), and ideas for potential future work (e.g. expansion of the Agency's Spanish translation guide, possible integration of Spanish language text for labels within OPPEL). (Susan Bartow, 202-566-2280)

**AFOP Celebrates National Farmworker Women's Health Week.** On May 15-21, 2022, The Association of Farmworker Opportunity Programs (AFOP) celebrated its **National Farmworker Women's Health Week** awareness campaign. AFOP held several events during the week to raise awareness about the health disparities farmworker women face daily. Many of AFOP's nonprofit organization partners in the National Farmworker Training Program (NFTP) provided pesticide safety training with a focus on women's health, and the health of their families. Specifically, trainers used bilingual (English/Spanish), low-literacy curriculum from the Limiting [pesticide] Exposures Around Families (LEAF) and Pesticide Exposure and Pregnancy (PEP) programs. The curriculum aims to increase the awareness of take-home exposure of pesticides, and the steps to take to mitigate the risks of pesticide illness or injury for themselves and their children. AFOP developed a new Social Media Toolkit for its partners with daily content, videos, and educational pesticide safety information. Partners posted the messages 162 times on their social media accounts. The social media campaign's key messages for the event were presented in an Instagram Reel format that reached 2,852 individual accounts. The NFTP is a cooperative agreement between the AFOP and EPA. (Ana Rivera-Lupianez, 202-566-2450)

### **EPA Publishes Notice on the Court-ordered Stay of Effectiveness for the 2020 WPS**

**Application Exclusion Zone Rule.** On May 16, 2022, CWPB published a *Federal Register* notice (87 FR 29673) stating that the effectiveness of a 2020 Final Rule, regarding the Agricultural Worker Protection Standard (WPS) Application Exclusion Zone (AEZ) provisions, is stayed by court order until August 22, 2022. The purpose of the *Federal Register* notice was to clearly and transparently communicate to the regulated community and pesticide enforcement agencies that the AEZ requirements in the 2015 WPS remain in effect and should continue to be enforced for the duration of the current stay, and throughout any future extensions of the stay. EPA also formally announced that it intends to undergo rulemaking to reconsider and revise certain provisions that were finalized in the 2020 AEZ Rule. (Ryne Yarger, 202-566-2451; and Aidan Black, 202-566-2381)

**Meeting Between EPA and Phosphine Producers Association (PPA).** On May 18, 2022, EPA's Pesticide Re-evaluation Division (PRD) and Health Effects Division (HED) held a call with the Phosphine Producers Association (PPA; an association of phosphine and metal phosphide product registrants) and their consultants: Exponent (a technical and science advisor) and Bergeson and Campbell (a regulatory advisor). PPA and EPA discussed the latest mitigation for bystander risks from uses of phosphine and the metal phosphides. This mitigation involves implementation of buffer zones around sites where bystanders may be exposed to unsafe levels of phosphine gas. The size of the buffer zone required is derived from computer modeling and varies with specific aspects of a given fumigation. The parties discussed modeling input parameters and the situations for which buffer zones may be required. (Jonathan Williams, 202-566-2240)

**PRD Meets with Boehringer Ingelheim.** On May 19, 2022, the Agency spoke with Boehringer Ingelheim, a member of the Fipronil Task Force (FTF). The objective of this meeting was to discuss the Fipronil Human Health Risk Assessment, fipronil pet products and the proposed mitigation PRD planned to include in the PID. Boehringer Ingelheim presented additional refinements to potentially include in an updated Human Health Risk assessment and plans to submit this additional information to the Agency by early July. (Darius Stanton, 202-566-2332)

### **CWPB Presents to 2022 Tribal Pesticide Inspector Residential Training Program.**

On May 19, 2022, staff from PRD's Certification and Worker Protection Branch (CWPB) presented at the 2022 Tribal Pesticide Inspector Residential Training (PIRT). The Tribal PIRT is offered to federally recognized tribes every other year, however, this was the first Tribal PIRT held since the COVID-19 public health emergency began. PIRT programs are organized by the Office of Enforcement and Compliance Assurance (OECA) to train state and tribal inspectors on a wide range of requested topics. Many of this year's attendees were new state and tribal inspectors. Ryne Yarger of CWPB, and Helene Ambrosino of OECA's Pesticides, Waste and Toxics Branch presented on the Agricultural

Worker Protection Standard (WPS) and provided information on where to find materials to assist with WPS inspections. Matt Lloyd and Thomas Lopiano of CWPB, presented updates on the Certification of Pesticide Applicator rule, status of certification plan approvals, and options for certification mechanisms available to tribes. (WPS: Ryne Yarger, 202-566-2451; and Certification: Thomas Lopiano, 202-566-2390)

**Meeting with Tessenderlo Kerley, Inc. (TKI), to Discuss Norflurazon.** On May 23, 2022, members of the norflurazon team from PRD, BEAD, EFED, HED, and RD, held a meeting with representatives from TKI. Topics of discussion included potential registration review risk mitigation to address drinking water risks of concern for norflurazon. Norflurazon is a broad spectrum, pre-emergence herbicide; registered for use in various agricultural and non-agricultural settings. The proposed interim registration review decision for norflurazon is scheduled for July 2022. (James Douglass, 202-566-2343)

**WPS Enforcement Lunch 'n' Learn Seminar.** On May 23, 2022, farmworker stakeholders presented virtually to well over 100 EPA attendees on the topic of WPS Enforcement and provided simultaneous Spanish interpretation (via Zoom). This Lunch 'n' Learn was the fourth seminar hosted by farmworker-supporting organizations to date, bringing the perspectives of farmworkers and topics of interest to EPA. Introductions of presenters and facilitation of the seminar and Question and Answer session was provided by Mayra Reiter of Farmworker Justice; "What EPA's ECHO Data Show about WPS Enforcement" was presented by William Jordan, independent environmental consultant working on pesticide-related matters; "State level Perspective for Worker Protection Standard (WPS) Enforcement" was provided by Ricardo Davalos, Coordinator for the Worker Safety Program with the Florida Department of Agriculture and Consumer Services; personal experiences and insights were provided by Leticia Cuevas Carillo of UFW Foundation. EPA attendees included staff from the Office of Pesticide Programs, Regions' worker protection programs, Office of Children's Health Protection, and Office of Chemical Safety and Pollution Prevention. This topic generated brief discussions and sparked ideas for how best to continue these discussions and gain more perspectives and insight into WPS enforcement. (Kelsi Grogan, 202-566-2228)

## REGISTRATION DIVISION

**New Tolerance Established for Pyridate.** On May 25, 2022, the *Federal Register* published a final rule establishing permanent tolerances for residues of the herbicide, pyridate in or on lentil, dry, seed at 0.4 parts per million and the rapeseed subgroup 20A at 0.05 ppm. According to Belchim Crop Protection N.V./S.A. c/o Belchim Crop Protection US Corporation, pyridate, marketed as TOUGH® 5 EC Herbicide, is needed for postemergence control of annual

broadleaf weeds in/on lentils and the commodities in rapeseed subgroup 20A. The final rule established a tolerance based on a petition submitted by the registrant, Belchim Crop Protection. Sarah Meadows and Emily Schmid worked on the label associated with this new use petition. (Maya Wheeler, 202-566-2957; and Nancy Fitz, 202-566-2675)

### **FY22 Completions To Date**

PRIA Actions	Q1	Q2	Q3	Totals
<b>New Chemicals</b>				
- Registered	0	1	0	1
- Withdrawn, Not Grant or Rejected	1	0	0	1
- Import Tolerances	2	0	0	2
New Uses for Existing Chemicals (count of use sites, not OPPIN decisions)	31	35	8	74
PRIA New Products and Amendments	251	199	93	543
Exclusive Use	0	0	0	0
<b>Non-PRIA Decisions</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	
Fast Track Amendments (Labels and CSFs)	186	194	86	466
Notifications	160	301	160	621
Minor Formulation Amendments (expedited CSFs)	20	23	4	47
Emergency Exemptions	7	16	5	28
Special Local Needs	14	45	33	92
<b>Efficacy Reviews</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	
Invertebrate PRIA	20	13	7	40
Invertebrate Non-PRIA	2	1	0	3
Vertebrate	2	2	0	4
<b>Inert Ingredient PRIA Decisions</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	
Food Use Petitions	6	14	4	24
Non-Food Uses	5	7	1	13
<b>Chemistry and Tox Review</b>	<b>Q1</b>	<b>Q2</b>	<b>Q3</b>	
Chemistry	239	278	117	634
Acute Toxicity	140	90	64	294

**PRIA Actions Closed in OPPIN.** The following actions were closed in OPPIN this week, to include older actions just processed and appearing in this table for the first time.

Branch/ Action Type	Chemical	Company	Reg #	PRIA Code	Due Date	Completed	Staff
<b>The Chemistry, Inerts and Toxicology Assessment Branch granted:</b>							
<b>Inert Food</b>							
		ALBAUGH, LLC	IN-11268	1001	12/26/2019	5/20/2022	Leifer, Kerry
<b>The Fungicide Branch granted:</b>							
<b>Fast Track New Product</b>							
	Dodine	ACETO LIFE SCIENCES, L.L.C.	2749-AEA	R301	5/23/2022	5/23/2022	Swinger, Carmen
<b>New Product, 4 or more actives in product for first time, substantially similar to individual a.i. labels, plus more requirements</b>							
	Difenoconazole	ALBAUGH, LLC.	45002-27	R318	5/23/2022	5/18/2022	Orrock, James
<b>Rotational Crop Tolerance</b>							
	Fluopicolide	VALENT U.S.A. LLC	068838	R295.3	5/23/2022	5/23/2022	Bowers, Yasmin
	Fluopicolide	VALENT U.S.A. LLC	59639-140	R295.0	5/23/2022	5/23/2022	Bowers, Yasmin
	Propanoscarb hydrochloride	VALENT U.S.A. LLC	59639-142	R295.0	5/23/2022	5/23/2022	Bowers, Yasmin
<b>The Fungicide-Herbicide Branch granted:</b>							
<b>Fast Track New Product</b>							
	Cloransulam-methyl	ATTICUS, LLC.	91234-271	R301	5/30/2022	5/26/2022	Kraka, Ernest
<b>The Herbicide Branch granted:</b>							
<b>Fast Track New Product</b>							
	2,4-D, trisopropandiamine salt	SHARDA USA LLC	83529-190	R300	6/2/2022	5/23/2022	Corbin, Derek
	Trinexapac-ethyl	AXILL SOLUTIONS, LLC	93809-7	R301	6/8/2022	5/20/2022	Blunt, Endia
<b>New Use Decision</b>							
	Pyridate	BELCHIM CROP PROTECTION US CORP	068885	R170.0	6/15/2022	5/25/2022	Meadows, Sarah
	Pyridate	BELCHIM CROP PROTECTION N.V./S.A.	91746-5	R170.3	6/15/2022	5/25/2022	Meadows, Sarah
<b>Non-Fast Track New Product</b>							
	Clopyralid	GENERIC CROP SCIENCE, LLC	94730-13	R333	5/26/2022	5/25/2022	Hildebrandt, Curtis
	Metribuzin	UPL NA INC.	70506-392	R310	5/25/2022	5/23/2022	Crawford, Lydia
<b>Review of Study Protocol - Applicant Initiated</b>							
		FMC CORPORATION	279PA19	R272	7/22/2022	5/25/2022	Harrington, Jamie
<b>The Invertebrate-Vertebrate Branch 1 granted:</b>							
<b>Fast Track New Product</b>							
		ELEVATE TEXTILES	83588-2	R300	6/27/2022	5/24/2022	A_Unassigned IRL
<b>The Invertebrate-Vertebrate Branch 2 granted:</b>							
<b>Non-Fast Track Amendment</b>							
	Cyromazine	NOVEL, INC.	75066-2	R351	5/31/2022	5/23/2022	Antwi, Frank
<b>The Invertebrate-Vertebrate Branch 3 granted:</b>							
<b>Fast Track New Product</b>							
	Thiamethoxam	ALBAUGH, LLC.	45002-44	R301	6/6/2022	5/24/2022	Ulrich, Kevin
<b>Non-Fast Track Amendment</b>							
	Imidacloprid	BAYER ENVIRONMENTAL SCIENCE	432-1544	R340	5/24/2022	5/24/2022	Campbell, Scott